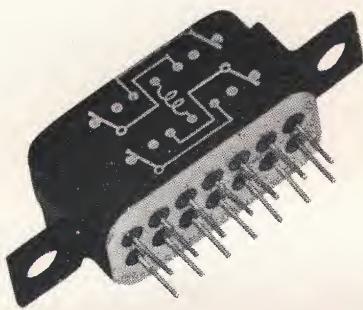




FOUR POLE HALF-SIZE CRYSTAL CAN RELAY

TYPE SR
4 POLE



GENERAL INFORMATION

The Branson Type SR Half-Size crystal can relay, companion to the industry standard Type AR 4-Pole crystal can, is available in a variety of case and header styles with coils covering several standard voltage ranges. The same high standards of quality design, manufacture and control apply to the Type SR 4-Pole as apply to all Branson relay products.

The Type SR Half-Size crystal can, with its low profile design, provides the ultimate in shock and vibration resistance and permits closer stacking of printed circuit boards. Furthermore, the use of the tried and proven 4-Pole contact design assures top performance and reliability.

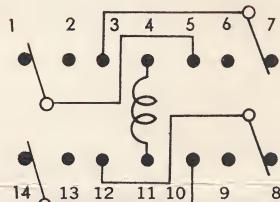
The Type SR relay permits extremely dense switching per unit volume. Connections are based on a standard 1/10" grid spacing.

The Branson fourteen pin socket is available for use with the plug-in mounting style.

COILS ARE AVAILABLE
FOR THE FOLLOWING
D.C. VOLTAGES

6
12
24
48

SPECIAL COILS WILL
BE PROVIDED WHEN
REQUIRED.



Terminal Numbers For Reference Only.

ELECTRICAL SPECIFICATIONS

Contact Arrangement:
4 Form C 4PDT

Contact Rating:
2 amps. 28 VDC Resistive Load

Contact Resistance:
.05 ohms maximum
.10 ohms after life test

Life:
100,000 operations minimum

Operate Time:
5 milliseconds max.

Release Time:
5 milliseconds max.

Dielectric Strength:
500 volts rms.

Insulation Resistance:
100 megohms for all combinations of terminals
and case

MEMBER



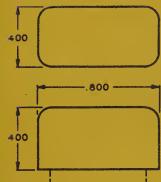
FOUR POLE HALF-SIZE CRYSTAL CAN RELAY

TYPE
SR
4 POLE

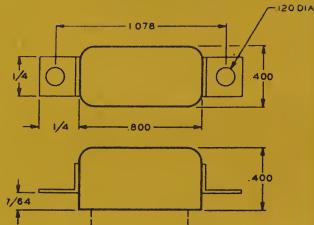
BRANSON
Corp.

CASE STYLES

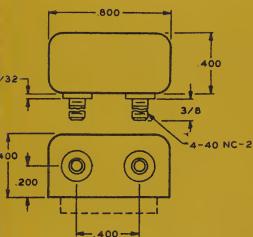
STYLE A



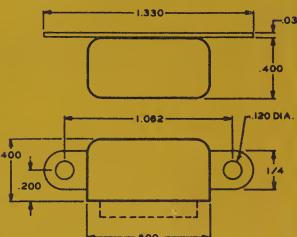
STYLE B



STYLE C

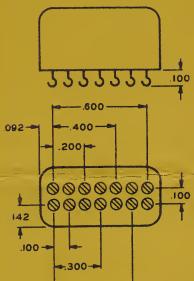


STYLE D

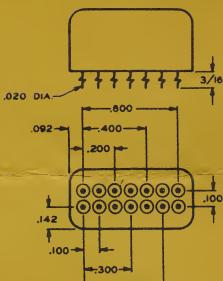


HEADER STYLES

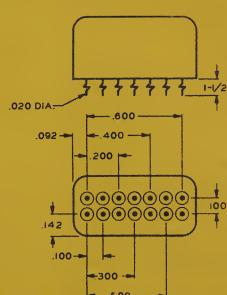
STYLE A



STYLE B



STYLE C



BRANSON CORP.

MECHANICAL SPECIFICATIONS

Temperature Range -65° to +125°C Class B
 Vibration 10- 2000 cps. Grade 4 (20G)
 Shock 50 g 11 milliseconds Type 3
 Weight 6-10 grams
 Volume 0.13 cubic inches
 Enclosures and Headers See outline drawings
 Altitude Relay is hermetically sealed and filled with dry nitrogen.
 Humidity Housing has a durable black finish as well as non-corrosive plating.

MEETS REQUIREMENTS OF MIL-R-5757D AND ASSOCIATED ENVIRONMENTAL SPECIFICATIONS SUCH AS MIL-E-5272C

ORDERING INFORMATION

Part numbers for the Type SR are made up as follows:

SR	<input type="checkbox"/>	—	4C	<input type="checkbox"/>	—	<input type="checkbox"/>	—	VOLTAGE
TYPE	CASE	CONTACTS	HEADER					

Case styles: A—Standard case C—Stud mounting
 B—Bracket mounting D—Flat mounting

Contacts: 4C(4PDT)

Voltage: See chart

Nominal voltage to be specified in this position

Header: A—Hook terminal B—Plug-in C—Wire leads

Example: SRC — 4C — 6A

Style C case (2 mounting studs)

Four pole double throw contacts

6 volt nominal operation

Hook terminal header

If for dry circuit application insert "D" before contact arrangement

Example: SRC — D4C — 6A

41 South Jefferson Road • Whippny, New Jersey
 Area Code 201 — TUCKER 7-1100